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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

12

Application Number 10/056,842

Filing Date 01/18/2002

First Named Inventor Charles David Cooper

Art Unit 1744

Examiner Name Brady Chin

Attorney Docket Number KSC-12209-1

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
Signature	<i>Randy Meald</i>		
Printed name	RANDALL M. MEALD, ASSISTANT CHIEF COUNSEL/PATENT COUNSEL		
Date	MAY 19, 2005 May 20, 2005	Reg. No.	28,561

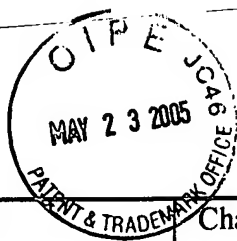
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Signature	<i>Carol Anne Dunn</i>		
Typed or printed name	CAROL ANNE DUNN, PARALEGAL SPECIALIST	Date	05/20/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicant(s)	Charles David Cooper	<b>AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111</b>
Serial No.	10/056,842	
Filing Date	January 18, 2002	
Group Art Unit	11744	
Examiner Name	Brady Chin	
Confirmation No.	9509	
Attorney Docket No.	KSC-12209-1	
Title: APPARATUS AND METHOD FOR TREATING POLLUTANTS IN A GAS USING HYDROGEN PEROXIDE AND UV LIGHT		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT A (REVISED)**

In response to the Office Action mailed March 17, 2005, Amendment A was forwarded to the United States Patent and Trademark Office. In a telephone conference on May 17, applicants' representative was advised by USPTO Group 11700 that Amendment A contained certain informalities and was considered non-responsive. After reviewing Amendment A, it was discovered that the proper identifiers were not present for claims 1, 10, 12, 18, 33, 34, 38, 39 and 40. In addition, a number of claims were either mis-numbered or incorrectly listed. Amendment A has been carefully reviewed and revised as needed to overcome each of these problems. It is respectfully requested that Amendment A be withdrawn from any further consideration and replaced by Amendment A (Revised). In particular, please enter Amendment A (Revised) and consider the following:

Amendments to the Specification are reflected in the changes shown on page 2 of this response.

Amendments to the Claims are reflected in the listing of claims beginning on page 3 of this response.

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Remarks/Arguments begin on page 10 of this response.